



New Super-"Lightning": Twolfth improved model of fighting Lightnings is this new longer range interceptor and secont craft, capable of accompanying bombers from London to Berlin and back. Lockheed engineers any the new P-38 is 39 percent more powerful, has 39 percent more fighting range, clubb turke as fast at high attitudes as its predecessors, with combat maneurerability more than doubled.

U. S. Capital to Spark Post-War Foreign Lines

Development of air industry in Mexico and China forecast with revival of normal trade and clearing of warclogged commerce lanes...Page 46

Surprise Tactics Pay Heavy Dividends in Marshalls

Unexpected American swoop on Kwajalein after softening up other bases caught Japs napping and put Allies within bombing range of Truk..Page 18

Wind Tunnel Can Test Plane with Speed of Sound

Two new structures near completion at Wright Field; one 150-foot-high vertical tower for chutes, other 10-foot, 765 mph. tube......Page 10

CAB Report Urges Caution in Air Transport Expansion

Export Joins Domestic Airlines in World Route Fight

Appoints Thomas Burke, former State Dept. International Communications Chief, as vice-president in charge of international relations...Page 37

AAF Releases Data on New Improved Lightning

Twelfth model of speedy P-38 described as most versatile U. S. warplane, fastest climber, longestrange escort craft......Page 7



easons why you need simy for aircraft production





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WHY CONSIDER IT? X ray provides the only means of non-destructive and foolproof internal inspection of parts and assemblies to control and improve quality. War produces demand it todays keen postwar competition hereeen products and processes will demand it tomorrow.

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ELECTRICAL EQUIPMENT FOR PLANE . PLANT . PORT

THE AVIATION NEWS Washington Observer

GLIDDERS LODIGING UP—The drawy believer, activities are looking as Pred Meter Co's recent identify release of the new Wines Co's was the first of a serice of measurements indentry excentives may will build up interest in this phase of visition production. The CC-13 this phase of visition production. The CC-13 The current programs of the familier CO-is centinue at sevenal handford of a marky.

POST-WAR GAINER-Report for development of a gibble that will have paratest load-reas possibilities are taxing with development of a sitistic different, low-boost, "lyang wire" deagined by Hawley Bayles for Arbites Transtory, Int., afficiate of General Arons and Transtories and cars. It is the longest glider yet bath in the U S

SUCCEMENTLI TESTS—II was on experimential version of this ship which canded at 1 March Field, killing all has two of this even, including fallend at Paral. Tomaliar to thusand of Los Angular configura who have sees if in the sinvoice due parameter lead of a DEC-Allingth only a few are soft hing hall, chosene appear of that cares will be deduced upon. Gen Annual results and the bar and the paratic ship and the second second second second Annual results and the bar and the bar and Annual results of a shift has a glader booster.

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AVIATION NEWS . February 14, 1944





This CLARE TYPE G RELAY Withstands Them All

This Class Type G Relay has come through the rightness sens of war with fying colors its many applications on success, where shock and whention ore commun, include radio explorem, comparent and controls of version konto.

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AVIATION NEWS

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THE STAFF

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SPOTLIGHT ON FIGHTERS-The spotlight (subjects, as bookers and superborbers re-



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WAR AND PEACE DESIGNS — Compar-Wright has said blite sheat its research and reperientation preprint, but results has been disclosed to latificate a program at (reserved) site, aired at the development of a vert-base as well as peccelone preprint. A development division has been ng sained, with new abjective, many ditters, a latificitating processes awhere a start of the same strange of the same starters ments, more of them shrounded in a hund-hash theoremeters.

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MITCHELLS AS TRANKES—Not generally, known is the fact that the functions Nucl. Asserzana II-32 Mitchell bornbers, somewhat mollifel, are now being und for avariage node training. It has been darkesed that far mere that two months available relation and that, a Cala, and valued invit-stages photo, have been recovery valued invit-stages photo, have been recovery valued invit-stages borbook, have been recovery valued invit-stages borbook, have been recovery valued invit-stages borbook, have been recovery valued invit-stages borbook have been recovery regrammers has been recoved and the places have been redominantia at AT-294.



5 POUND FEATHERWEIGHT WITH A 150 POUND PUNCH!

These newsrful White-Redners circroft motors combined with White-Rodown temperature modulation or other control equipment provide a receivery sofecured to both effet and plane by tission and delivering their numb exactly when it is mended - with nower to space!

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VOLTME 1 · NUMBER 28



AAF Releases Data on New P-38. Most Versatile U.S. Fighter

Twelfth model of speech Linhtahay described by Army fivers as the fastest climber and longest range American excert aircraft, capable of accompanying raidees to Berlin and back

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FEDERAL DIGEST

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CHAMBER AJRPLANE TECHNICAL COMMITTEE MEETS

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Wind Tunnel Built to Test Planes With Speed of Sound

Two new structures near completion at Wright Field. One is 150 fore vertical arears for 'clustes and models, while other is

By ALIXANDER MCSURELY

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For the 41th connective month

Bombers Converted

Plane Engineering Group to Ask Simpler Airworthiness Regulations

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AVIATION NEWS . February 16, 1944

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AVIATION NEWS . February 16, 1946

Congress and War Agencies Speed Industrial Reconversion Program

Report of Special Senam Committee on Post-War Economic Planning and Policy proposes creation of Office of Demobilivation to bardle problem

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Beoort-The most revealing derelevenent tran the insurance of a report by the Special Senate Commiltor on Past-War Economic Plancing and Policy This report. + Networ Still in Seat-Mernwhile, proposed the creation of an Office. ported. Thus, in the Senate, the

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Eire Builds Huge Flying Boat Base

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AVIATION NEWS . February 16, 1944



Courtesy Is Not Unpatriotic

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THE AIR WAR

Air-Supported Surprise Tactics Pay Heavy Dividends in Marshalls

Unexpected American swooth on Kwaialeis after softening unother bases, caught late off balance and pur Allies within 1.100 refle bambing range of important base at Trak.

Force began a series of daily raifs + Seventh Air Force Clears Decks-(A-245), and Warhawk Erhier-

The new model Nitehells, with the powerful rayal task force, everything in such was thrown at

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Atlantic Shuttle

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The formidable base of Trak, stwest, again writes reach of the uatrol-bambers, she could do a

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AVIATION NEWS . Edwary 14, 1944



It All Adds Up To Subtracting Zeros

Today's apprentice gamer enters a deadly trade-defending American bombers against attacks of Jop Zeros and other enemy fighters. To follow his trade and surrous, the surrour first

has to learn how to "polish 'err off around the clock." His treining must be thorrough and painstsking, and is must nome within a barr's breadth of being the real. thing. That's why Farehild developed the GUNNER,

This advanced trainer has the cosonial charactermen will soon short it can with Axis paranitis. From a power surret, semilar to core on a Flying Fortros-, each fledging is taught to pick off any targets while moving at better than 200 miles per herer. It's fast, tricky work and it takes a keep eve, steady perves, precision equipment. It's the kind of training that pages of when the objes are down.

Fairchild's GUNNER, from which apparentice marksmen will step into hombers and thence into action, is ere of the hereest, meedlest training planes ordered. by the Army Air Forces. Powered by two 12 collinder. invested indice supported Ranger entropy the CUNNER is a typical example of Fairchuld's "touch of somorrow in the planes of soday."

Fairchild Aircraft

AVIATION NEWS . February 16, 1946



CENTRALISEMO REVIEWS HIS PILOTS.

suffered over and over again in the Darawa in the Otherts, and the fact hover air atlacks in the Wewak that Kwopalein itself outs off most + West Coast Palley-"It is our obarea, New Guinea, and at Rahaul, of these bases from reinforcement. strent neral tok force in the bary a technole which programs well har farmed by the reefs making up for this part of the loss and full-Our personnen of Malor and



AIR BOMBS AND MOVIES AT SEA

House Group Studies Post-War Problems

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Wright angines pay their way.



"A Single Pound Saved on a Plane ... is Worth Over \$8000"

SAYS CHARLES FROESCH. CHIEF ENGINEER PASTERN ARE LINER



POOTS NILTS SAVE UP TO SO UPS PER PLANE

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"The recal importance of weight aduction in similary manufac-In the case of miliaux craft repower, range, annot, speeds itmeasurement in dollars-andconts value is inconssible. But when conservisf planes are considered, the saving of even one ounce is reflected in a plane's enhanced productivity from a financial point of view, On Easteen Air Lines, for instance, one pound of payload is worth, conservatively, over \$30 of pevener during the first 5 years of the life of a plane."

NEIGHT-SAVING ROOMLET TOPAY

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AIRCRAFT PRODUCTION Greatest Production Gain Shown In Urgently Needed Combat Types

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By SCOTT HERSIEY

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Board officials were moved to comment that "speaking of the india- to maintain this pice



New Curtiss-Wright Unit Can Test 5,000-hp. Motors, 30-ft. Propellers

\$550,000 structure gives company probably largest private laboratory of kind in world, officials say,

Curtim-Wright Corp., at Caldwoll, G. W. Yaughan, neemlent, said

A proving ground for aircraft N J, to handle insta on propellers



later correct proceller teating, requiling of same sure one. Other phototastrag. Note interner liphting, soundproof construction and engineer's



the \$550,000 building was con-

Bahert L. Early, Cortina-Wilthit

18 curue of 2.550 hp-

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+ Control-Since conirol of the en-

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A 44-inch set cealing take slides in a few moles of the propellar

which the instrument payers stress combines for any degred

For reducing toots, overrain several hapfred hears, four of

ed Mars on its recent Panie flight.

Fairchild Aviation Changes Firm Name

Says "Camera and Insurances Corp." more spily designasis contacts.

Farchald Avisition Corp. has changed its mone to Farrehold

Founded by Faleshild-The com-



Propeller Parts Vikrated to Destruction: Sulph M. Guerle, chief experi-

concerns loanded by Sherman M. Eleminates Sporks-Confective

The company has a submittary. Farchild is charman of Far-

Conductive Rubber Gun Heater Used

Device said to know plane's arms

search had been made for a rubber conductor instead of as an insula-

ployed pramarily to reduce the danger of explosion in TNT, and The unit makes possible pre-

heating of gun breeches while a

New Boeing Cafeteria

Buildiag will have mating on pacity for 1,600 persona.

Construction of the building

Trail Blazing in the Skies



HOW GOODYEAR AIRCRAFT CORFORATION SERVES THE AIRCRAFT INDUSTRY

- By constructing subessemblies to essenafactaren's specifications.
- By designing parts for all types of amplanes.
- 3. By re-engineering parts for mail production.
- By extending our research feedblies to ad the salation of any design or engineering problem
- 5. By building complete arplanes and airphats.

6-Same part, person brand

ELECTRIC FURNACE BRAZING OF PARTS INTO ASSEMBLIES -- i highly accessful Goodyear Airtraft adaptroin of furnace brazing permits assembly from simplemothene parts of many items that for isomerly had to be "hogged out" or welded -- string time and labor, and producing a strong part at low cost.

BUILDING PROVEN AIRCRAFT



THE DEADLY FG-1 CORSAIR FIGHTER

is bring built by Goodyear Aincraft, now one of its principal producers. The quality of Goodyear enformathing and methods, as demonstrated in production-line output of this "hot" airplane, has won high commendation from the U.S. Navy.

GOOD YEAR

Victory Aircraft's New Board Named

Action follows recignation of J. P. Bickell, president.

Canadian government has appointed a new Board of Directory for Vickey Arccalt, 21d, governnet-to-swited company menufacturing Lawsanter four-engine borchers near Threeto.

President Resigns—J P BicksII, Catadian mixing financies, resigned as presidend, 11 was annonneed at Ottawa and his follow directars expressed a wish to retire at the same time, so that a new president would have a fire hand as reconstituting the Board.

V. W. Scilly, of Dorinio, has been named president of the company, ronging as president of the rovermined-twiced War Supplian, Life, a corporation handling purchase in Canada by agencies at the United States paverment.

Other members of the new board are Herold B Boddee, president of United-Cerr Rastener Cu, et Casalay May J. E. Halts, director-peneral of the Canadian Arony technic ral development board and presdent of John Inglis Co, Ltd., of Turentor, Richard Nider, mind



RCAF USES SCRAP:

Royal Canadian Air Parce has deused from screp tables a vocable dolly for a single oil dram and purce, for use in manifestance and servicems at RCAP transing felds.

ral development hand and pressbed of John Inglis Co., Ld., of nithonal Associates of Mechanistic Towners, Berbari Mikry, grant and L. P. Wandell, was-pressived



2,000,000 MODELS FOR IDENTIFICATION TRAINING:

That is the estimated total output of the model arrowfe industry solar forms out plastic identification models of distant every Albed and Arrbiose for transition one. Their models serve models by Cruster Randaco Itering Co., from Lanserth, product of Celanas Collisiond Corp. general manager of Hands and acte Paper Co., of Canada, L16, parto...

Films Train Workers

Visual training sid to be given employees, subcrearteristics.

Interprists Averaft has set up as educational department to give vistual testimang and to its employees and the first admentionetics, with 16 pattures in access, ranning from 21 to 38 automatics, covering such adapted na wood-weaking, accredit 21 to 38 automatics, covering such adapted table stitutures. The depart ment is under the functions of 2 P, Debarroy, with R, H. Bergolend as iteduated automized

Dream Planes Out

Automobiles of the remeduale part-autor pursus, has persenal accredit, probably, will follow correctioned homological before the start of homological albough the pest-accr "dress car" this the pest-accr "dress carghaine" "as a vendential thing

Charles F. Ketterag, General Monter research vice-president, etc. streetfort at many assessble unprevenents, has blacked as a neyth the idea that the first acts ofter the war will have transpacent, photoc time biaged fiber an opg- or distantiable bulacoptor blacks to permit the new to take to the air.

"I likely likes any maps corrects are venderful though to about at and 1 was past managin of an optimum in the belower war, will some day get newething. The that are even better," he and recently. "Bat 1 behave the process in pong in the evolutionary, part as it always has been."

Fleetwings Expands

Plans for two new healdings are suscenced by Fleetwings, division of Kanar Cargo, 2nc, si Bristol, Pa, to further perfect its straightfive-flew production system

One new building will besse the shapping, importion and faithers departments at Plant One, and a new building at Plant Two will be constructed for exclusive use of the shipping department.





UNSUNG HEROES

Among the most important developments of this war are Firestone bullet-scaling feat and oil cells. On every fighting front they have proved their merics and saved the laves of thousands of flying men.

Yoday, Firestone is making a wide range of rubber, metal and platec peeducis for the arcraft mubasery, Miesy of them are not only manufactured by Firestone, but also concrived and designed by Firestone.

Whether your problem is one of development, design, or volume production, a Fersione engineering representative is ready to help you.

Game to the Pour of Persons with Railand Grote and the Passwer Complexy Delhama, Handas wormp. nor H. R. C.



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Specifically developed to meet Aviation's many needs for --space cooling . spot cooling . . . humiday control . . . refrig



Largest Builders of Mobile, Escine-Oriven Refrigeration and Generator Environment

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wight, extraordinarily compact, especializely mobile ... even matter in operation . . . with a referention canacity of 1 to

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PERSONNEL

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Cap. Webles Z. "Durry Mandes for-



Geeks F. Ives has been apprighted advertising manager of Walter Kidde



concercial pi-



Willow A Persona provident of



Carl W Ellow, until a year ago gen-

AVIATION NEWS . Fringers 14, 1944



Peul Persas has been merred design



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committee to policie Aliced Marshes



15 YEARS' SERVICE WITH UNITED AIR LINES.

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Rear Administ Oaksense D. Hordman Nevel Pursary Trontest Convente, with bendousettes 11 Faulty Ar-

Line Col. Revent W. Herman, U. S.

Martin J Bariss, of Montreal, has





IOINS AERO CHAMBER:

Cel & A. Front his been planed on. denates to the office of the works

beaties C. Marris superal reasonal for

TRANSPORT

Report to CAB Urges Caution In Expansion of Air Transport

Examiners declare moderate extension of network may be institled but warn of daneers in developing system beyond

IN MERLIN MICKEL

William J. Matthen and Albert F.

for othe experience even through h their Meet Revelations- "Area the length estimat precisely be de- experiment of air services," they openations, if the expansion is ac-point out, must construct to the openational by extending array standards of the Cred Aeronautra

arrace outlook. They conclude in passenger traffic, mail or cargo,

The report supports a compro-

+ Service-Present carries "scen

other hand, "have the commer stiarned through use of smaller economies were sited smaller suffic



UNITED'S "OLD BALDY" SETS DISTINGUISHED COMBAT RECORD:

AVIATION NEWS . February 16, 1941

are now on file. Nor do they think the Board should consider helicopter applications before this type of machine is available converculty.

 Becommendations — They make eleven recommendations, which may be summarized as follows:
 Arr thrempetidies should be espanded to semil clines, more by addition of peints to examing routes and as part by new corriers commited to recoverses of operations.

barb earners abould be dougsated

Authorization of service in this clear should require showing that operating economies will be incorportial. A measurage rate of 25 cents a traffe

 A maximum rule of 25 cents a trille for each transportation should be faxed to source operation on an ecomanual bana.

Liverspan on non-stop and depstep schedules should be set to keep proper balance between operations by forder currents and other air currents.

*Constraines should be imposed upon the expansion of air services by protectly openning curriers in order is aliany a field of opennin for feeder services," with automations by openning curriers limited to onless of 35,000 or more except in special cases.

Air services by surface corrace war scowerze president by proshaid be "rightly confined" to an- valing a market for availon manu-

ik craft only auxiliary, supplemental a insudental to surface transportation functions.

Examines of exclusively pickup elementors (scale) is unitariante only "na summal coast" where pauls nooth may require 1), and perivally where exclusions and the previous energy service is contanguated. Dathy regulations into principation is should period entry of painengures on plann sing principation arrange and period paint pickup engines on plann sing principation. Director service applicable spirition. Director service applicables in should be hered with other applications an

the same area, in a consolidated p cooling. • Helicopter applications shiftld

deferred until conveccest beliepters are realiable. The examiners hell down in Sec.

The ecomments build over to low the questions involved in the proceeding front, justification for preeval expansion of air service, and second, how and to what extent if much be accomplished

They not individuals in the itswritingtion that the Board should andertake to provide air service is every community in the United Status, that every contrastity is entitled to air transpert ield air multi-energies and the service is an event energies of the service portwar resource problems by poorwars resource problems by poorwars ensures for writing mann-

Examiners Report on Feeder Lines

Respiratory Modelen and Bertel, reporting to the CAR on the local feeder-pickup server arrestigation, made these comments on traffic potential for air service oxpanions

Possinger The groupeds of any encoderable volume of passinger traffic at small crites generally an not reassaring.

Daily committees are not likely prospects for all transportation at least at the present level or faces.

Ga fae basis of available ovadense, there is fulle pospect of bernarcy fine level of passenger face balave an average of 5 costs per rule; in fact, there were some suggestition that a higher per-ousle fare should be charged for shorter; parrays.

Mult finite prospects far develspinest of any evening-rable veluses of non-mult ferific at small other are not ensurraping. It is apparent that mult rates in success of compensation for services resdered must be anti-rated.

Whether recreased reversion which would result from a wide explanetian of air real service to matche the which are concerned in the proceeding would be sufficient to meet the additional supervises reutiling from such is expansion, is externally doubthat. While there would be some

Whith there would be some enefit from a general expansion of air service to include a grant may small stars, there was no obtained built there would be a abstantial sequencement in the soft service generative as a result of such concention.

Curyer Three are certain inclusnormal difficulties essentiates in connections with the development of are curyer intellig patiently which will be particularly hand to coninderwith the over-set curyer in addition, the over-set curyer in addition, the over-set curyers and curve and the overlapment within in successful to develoption over-set of the overlaption are corresponded in successful to the overlapment overlap overlap over an expense and corresponded in successful to the overlaption of the overlap overla

It is our conclusion that expension of air servers into small mine, at least for none from, will have to be accomplished without any maintail financial essentance in the form of revenue from the interportation of property. facturers and employment for lechnocolly insteed returning serv-

We must be a set of the set of th

State Board Claims Interstate Control

Mussichungen group says it alone has eight to imae permin dar local courses.

Missiehusetts Aarenaaduss Comtisision says the state along a mutiked is assue permits for alirouter wholly within the state, and challenges forfared attempts of "any regulation, economic ar otherwave, of infimitate air commerces."

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Jerrene C. Biasakier, of Meanchasells Institute of Technology, thairssie of the National Advasery Constructive for Aeronauton, is a member of the State communican

Overhaul Record Set

Pare should of scholule, Southwest Airways reports it has transit out diversion to the scholar strategies at his scholar scholar strategies at his production of the scholar scholar scholar production of the scholar scholar scholar production of the scholar scholar scholar to the Air Service Control of the scholar of the frest to do man overhead at aircreat, and express on a macesfail basis

Route Problem Main Item on CAB Agenda

Raport for year reveals data or 160 Somign comiers.

Cost Accounties Board's agenda is apparent from its report for the year to Nov. 1, 1943, corrently on file with Concress.

The densities new rotate probtions is not of the important littless can which it is working consistently into the international rotate quarname, the respect indexide The into the international rotate quarlanger in the international states on which it has invested argument on the international states and the gauge indexide the international photoness A report in this laster for our hard and the definition of the intertor of the definition of the intertor output by the definition of the definition of the intertor output by the definition of the definitio

Dois Analyzed—The report disclosed that the Board is assenalizing data on the approximately 160 foreign air certiter, on which "there has been a section."

It's Feeder Service

CAS examiners have noveld has kern 'lock'n servec's returns and the server in the server after the local-index-packag prevagation. It was done to have 'based have been to be the local and the server --even through there is has the server of the server and the server is be operated and itself is ready array of the application is be operated and itself is now in server at the server is be operated and itself is now in server is the server is be operated and itself is now in server is the server is be operated and itself is of movies properties of inhiticities and the server is defined in the server is defined in the server is be operated and itself.

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FOOD FOR STORM-BOUND CLIPPER CREW:

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lack of inservings." Such state, we - Arromantics Ard, it may in the reordered frem viscous searces, are peric, centum most of the recomcertainty analysed for comparison methodshorn if has made for avoidwhy closer information and recommendation in the made the why closer information and recommendation of the search are at the reports hand on them are informed on the measure are confidential because of the werk.

CAB's research staff also has been engaged on special staffer several of a confidential nature, for other governmental agentics, avigame darectly related to wer seturation.

An everyoes soil survey was released, as have been periodic statespeets on the arm servers paitern and are precedy traffic. The Based args "much work has been done on other presents in the requlike program, and it is experied that a number of these will be completed and released during the Resource and Rules Overham-A.

 Boviance of Rules Overdase -A change in Civil Air Regulations of which the recently suggested revision of Air Traffic Centrol rules may be a forerunner—bloo is evendra.

"Drought the press of entriprocy rathers will first in generarel, a definite pararan has been exiliated for the accomplations of the been made." The report institutes that need for general resurrant fination of the second restruction that the second restruction that the second restruction in the second restruction of the second restruction of the limit of the second restruction in the second restruction of the second restruction of the second restruction of the second rest of the second restruction of the second restruction of the second rest of the second restruction of the se

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WHAT MAKES AN ACE?

An ace is judged by the number of enemy planes he downs, * By that standard the Allison engine rates high. * In four years of service on every active front, more enemy aircraft have been knocked out by Allisonpowered fighters than by any other American plane, * Precision pays in perfection of performance.

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Export Joins Domestic Airlines' Fight to Share World Routes

Appoints Thomas Burke, former State Dept, international communications chief, as vice-president in charge of attenta-

By CHARLES CORDDRY, IR

& Accession of Thermon Barlas, Sarmer charf of the Division of Interne-

of Pin American Aleways, appear

John E. Slater, American Ex-



heitle between these microsts This much appears clear

Pho American remains alone

United Air Lines, it is true, but



Burks will no longer be in a po





AMERICAN AIRLINES' NEWEST TICKET OFFICE:

Two views of Asservers Artists' new tacket offer. Ine or Wor," depicted verses should be wartene

AVIATION NEWS . Printers 14, 1944

QUICK HELP for Aviation Mon sufficient to justify entruste of only for a half dozen of the dozen-

McGenw-Hill

by Mante G. Rock, Copenia, E.S. Army Ale

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Policy Statement

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a Zounker Tanan L. Kings is adapting AVIATION NEWS . February 14, 1944



Schweinfurt Story

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BOEING

How globe girdling pilots keep their feet on the ground ...

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Error tubes are the ownershing forearises for these services. First choice of the strings, for choice of leading electronic segments throughout the world and data to the important new developments in radio. Follow the loaders to

TUBES

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Air Traffic Given Edge in Caribbean

Cronier cam air obvertages in report on Lann-America and

Nowhere else in the world dise als transportation have the advantage over surface transportation that it does in the Caribbean area, in the stated opurion of the Beterroh and Analysis Division of the Civil Arrenantics Baard's Scencera Barrets.

This view was contained in the report by Frank H. Cronzi, drivnan chief, and his stuff on overses, air service patterns in the Lata America size.

Bases—"Almost the entire burners term market," the survey stated, "as maved at rates in eccent of these which some ecceptible with pobable thrutes air transport dotts in herms of time seid consider. Ib edwestages of air over surface transport to the sature region are striking."

¹⁰⁰ Tools, a shrand na hmu, it was muid, so during multithin for both collision, and recreation trivel between the United Status and the Caribbean area, "The United States and the Caribbean area, "The United States," and the caribbean area, "The United States, and the caribbean area, "The United States, and the caribbean area, "The United States," and the state of the state state of the state state of the state state of the s

b) Market—"It seems reasonable to suppose," the report and, "that the market: represented by cereband, 1905 see and are havel will be very substantially exceeded, in the first decade after the war, under faverable conditions of cost, strate and international relationships."

In allocating sector influences, the absorbing sector influences, there is a sector of the instage sectores, within or show the end sector of a sector of the inresponse to the within or show reduction of pain-mere factor by an information of animate factor by an information of animate factor by an information of animate factor of a means and produce one of the means and the information of the means and the information of the information of

AVIATION NEWS . February 14, 1994

pears to have been well sewarded |

Airport Management Study Starting

A new support recognized out at powhrm the Cold Accessibile Attractions in the wiserest of profilable spectrum of manopal angusts will start work shartly out to an annuace of waveregat of twin Maders, head of waveregat and manufacturing and transpit executives will be angult in workout mentioned that shard result in afficient management of the construct 31 (Maders).

perial. assures of masome open taamposis will be studied missionery and hadren balevon has associbled more than the studies of the CAA's Arports Devision receives as to how evel availant can pull its own work in availant can pull over any pull after the work as for an apport management in conperand

200 to Attend Fort Wayne Talks

About 280 airpost, sirline and city oficials indicate they will altend the two-day argont planning conference at Fort Wayne, Inf. Fub 18 and 19, according to Buil Schott, accord charmas and manners of Senith Piehl at Fart Wayne, Among the speakers and their

exact setting the set of the s

Walker Winslow, manager of Indomugalia Manieripel Airport, "Should Municipal Airports Opersite at a Profil" Can They?", 3 Kuk Budwis, CAA Airport Man-



SENSENICH

Propellers for Planes

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This advertisement is one of a series which is appearing in activent reagazines and newspapers as Canselidated Valter's contribution teward a cleaner public understanding of transpectients's role in the war, and its peakwar appenduations and respecubilities.

"Axis air base falls to Allies"... Now what?

Watter will blatt des Allard pre-Watterpe have corrected annihile manage as base, don't be two quick in our, "New ity using this new been, our breakers can norder some desput jant the heart of informed despute "

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Fit the star assesses of an adequate Air Porce, for poor to most, will be not of the thousant protocom Amazin could peoplify per five arrange the peace which we shall have some.

AIRCRAFT

Quick Forts for Alr-Minded Readers

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peed and read – The Ase inspire Constant rouginh places as the large longour Edwards Fareway as any firing bandmin of how with discussion over carted as a start of aspectant ing when and places are on and firing places are on prick D place day profession damps on a sample of heat damps on a sample of heat propose period to plasses are well for the sample of and the maximum and reference law maximum and and law maximum profession and are forged processed and profession.

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Colonial Applies For Two More Boutes

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ELP WANTED

PRATT & WHITNEY AIRCRAFT

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PRATT & WHITNEY AIRCRAFT

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+ Von Line Files-The Board also received an applacetion from Bo-

CAB Schedule

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Safety Hearings

Hearing on another metter

CAB Asked to OK AA San Antonio Stop

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AVIATION NEWS . Relevant 14 1444

+ Cuts Beavy Gas Leads-' Such on

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LATIN AMERICA AIR TRAVIL:

NA oil separator

This efficient oil senara many military planes, is supplied by MERCHRY to leading alreraft manaincturers of both Army

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FINANCIAL

American Capital Abroad Expected To Spark U.S.-Sponsored Aviation

Intensive development of sir industry in Mexico and China forecast with revival of normal trade and clearing of warclosed commerce lanes

Be ROGIR WILCO

between Mexico and the United States may be instered in addi-

+ Three U. S. Firms Interested-In-Mexican move-hobbing forth the promise of constantly expanding

compaties presently interested in poye, American Aufanes, Inc.

Havestment-The actual investespetal to Mexico.

down to Houston and Brownwells. trade activity-will be a particu- > Pastern-The Moxican venture

by American capital also may set ried besis of beckground support to

+ Chinese Rules Changed - The

mest port, non-express These are

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Financial Reports

> Air Investors, Inc., reports not an 383,534 correson, compared with

h Aircraft and Dirtyl Eusipport nevolution, of \$452,128 after

+ Atlas Flywood Cere, reports for of \$315,284, or \$101 a share on

Bell Aircraft Pays 60 Million V-Loan

Bell Aircraft Corp. has paid in tull its obligation under a V-losh

At the mage time, a new \$10,ted with nit banks to you until Dec 31, 2945 As a result of this will become approciably armalar. ban spreements

mg in the new agreement are New .) Transports Flown to Ressin-The and Traders Treat Co and Mar-

under the new method The Gear-

Stock Offering

expected to be offered to comment

Over 4,000 Douglas A.20's Delivered

ris viz Aluke, company sets.

Desgias Ascendt Co has deimmed more than 2,000 A-22

A-20's are helping the Russians

P-70 Conversions

A first at AAF A-SFA Are

War Department also permitted

The Douriss A-28, Bell Ama-Present output of the A-20, In

Labor Pooling Pays

West Cost plants praise intraplant adjacement symmetry

The system of labor posing

+ Departments Aided-11 material

Typeral of the system is the labor

Ada Employee Efficiency-The

For Action Now

For war, over six marries the arcreft industry has been assless. Superman who would in nextly satisfying to everyone, processing the Aeronautical Chamber or combine the Chamber

again it appears that the industry's top executives are methodown to set down to beass tacks and structure." That still seems to be the nucleus of the revolution. With full and active surrout of the

Superman will never be found because he doem't exist. Every week the industry is suffertile or any job done mighty because he has servesize and unspectioned backing of the native's auframe, sname and proceller manufacturers Must we planae into reconversion and demobilization of this industry without any combined plan-

A plan has been suggested to draft Frank F Russell, catable manager of the National Average War Production Council, to direct ormination of confidence of industry and Washington. He has the unorse background of the most important months in coordinating the topenest problems of who make the planes which fight it None of the advantages of the council type of organization

The added advantages of a united front are obvious 10's time for action. If unity unit accord plashed now in the press of today's unnewvolented problems, some observers doubt if it over will be

Keep The Gloves On

THE ADDRESS CONDUCTOR for U.S. are palary will advance its cause materially if it makes clear, for the record, that it is cantent to leave the

extent of competition of its members for foreignroutes to the State Department, CAB, and other

Such a clarification lute last week was understood to be an perparation. The Solution an-"free and open corcostilian-worldwide" matteried hog-wild expansion that was never meant

Superman has never been seen outside the Public declarations signed by the principal com-It was last Sentember that this mass said "Once of a struggle may not be planned

It is to be hoped that Representative Sheppard. with his statement allegant lobbong by Pan Arcerican Airways is not the beliwether of anfoors of Coorress and in newsmaper beadlines can help air transportation. It could, on the contrary, being about exactly what some of its current energies seek.

A vicious struggle based on personalities, for could bring down the whole house and take us back to 1934 There is still time to decade to keep the gloves on in this fight, pentlemen

Engineers Move Ahcad

N be about the status and passers of the Aero-Technical Department under E. W. Norra plows abend pettlag things dane. There is no doubt about its standing in the industry.

The recent meeting of the department's Airplane Technical Committee in St. Louis to set up a new subcommittee to propose simplification of coverdure for obtaining type certificates from CAA was an exponence. The nation's leaders

Another encouraging factor is the hearty co-According to legend, government office balders are losth to relinguish or simplify regulations. As in the case of the Board's arrulified air traffic rules proposed recently, Mr. Norris says it pat't so



MAUKUNG

Air power has never been more visit to the success of America and its operations peccasary to build a plane. is apportant-particularly when the common was difficult, and the new

At McDonnell, our Teoling Detrue of Form Die for Coast Skins which makes possible the shuping of the rolled leading cdee of a certain type of court skin, four times fester formity in the carved contours of solid cowl edges Heatologe a much more difficult task, this particular safety to operators

This is but one of many new defor way. But it's one more censes for McDoapell's reputation for meeting

MSDONNELL Aircraft Corporation Manufacturers of PLANES . PARTS . PLASTICS . SAINT LOUIS . NEMPHIS .

UMBRELLA

7 MI

GRAVEST of all threats to a bomber is the presence of enemy planes "upstairs," planes that can attack at diving speed.

Republic P-47 Thunderbolts were designed to put an umbrella over our bombers. They're fast, long range, heavily armed fighter planes. Most important, they fly high. No enemy plane can get above the Thunderbolt umbrella.

Fighting up there around 30,000 to 40,000 feet, the P47 is also pioneering new routes for tomorrow! And builders of the Thunderbolt, will be able counselors on long distance transport planes. . . planes that will by above the weather . . that will by fast and far. . . through the thin, clear air of the true stratosphere. Republic Aviasito Corporation, Farmingdale, L. I., New York, and Eramsville, Indiana.

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